# Name of Work: Emergency Grants Works in Ward no 03, Attur.

Date of Pre-Measurement :

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| 1 | KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. | | | | | | | |
| | **RCC Drain** | | | | | | | |
| | **Adithyanagar** | | | | | | | |
| | **Water tank Rd** | | | | | | | |
| | **LHS(From Culvert )** | | | | | | | |
| | Ch:0m to 24.4m | | 1 | 24.40 | 1.00 | 0.90 | 21.96 | |
| | **Culvert Gap** | | | | | | | |
| | Ch:24.4m to 49m | | 1 | 24.60 | 1.00 | 0.90 | 22.14 | |
| | **Culvert Gap** | | | | | | | |
| | Ch:49m to 77.8m | | 1 | 28.80 | 1.00 | 0.90 | 25.92 | |
| | **RHS(from Dead end)** | | | | | | | |
| | Ch:0m to 30m | | 1 | 30.00 | 1.00 | 0.90 | 27.00 | |
| | Ch:30m to 60m | | 1 | 30.00 | 1.00 | 0.90 | 27.00 | |
| | Ch:60m to 66.8m | | 1 | 6.80 | 1.00 | 0.90 | 6.12 | |
| | **Culvert** | | | | | | | |
| | **Adithyanagar** | | | | | | | |
| | Cross Rd-1(LHS) | | 1 | 4.20 | 1.50 | 0.80 | 5.04 | |
| | Cross Rd-2(LHS) | | 1 | 4.30 | 1.50 | 0.80 | 5.16 | |
| | Cross Rd-3LHS) | | 1 | 3.60 | 1.50 | 0.80 | 4.32 | |
| | Cross Rd-1(RHS) | | 1 | 4.80 | 1.50 | 0.80 | 5.76 | |
| | | | | | | **Present Qty** | **150.42** | **Cum** |

Contractor

Assistant Engineer

10/7/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು 10/7/2020
ಯಲಹಂಕ Asst. Executive Engineer,
ಬ.ಬ.ಪಾ.ಪ. ಬೆಂಗಳೂರು-106

# Name of Work: Emergency Grants Works in Ward no 03, Attur.

ate of Pre-Measurement :

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| 3 | KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. | | | | | | | |
| | **RCC Drain** | | | | | | | |
| | **Adithyanagar** | | | | | | | |
| | **Water tank Rd** | | | | | | | |
| | **LHS(From Culvert )** | | | | | | | |
| | Ch:0m to 24.4m | | 1 | 24.40 | 1.00 | 0.15 | 3.66 | |
| | **Culvert Gap** | | | | | | | |
| | Ch:24.4m to 49m | | 1 | 24.60 | 1.00 | 0.15 | 3.69 | |
| | **Culvert Gap** | | | | | | | |
| | Ch:49m to 77.8m | | 1 | 28.80 | 1.00 | 0.15 | 4.32 | |
| | **RHS(from Dead end)** | | | | | | | |
| | Ch:0m to 30m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | |
| | Ch:30m to 60m | | 1 | 30.00 | 1.00 | 0.15 | 4.50 | |
| | Ch:60m to 66.8m | | 1 | 6.80 | 1.00 | 0.15 | 1.02 | |
| | **Culvert** | | | | | | | |
| | **Adithyanagar** | | | | | | | |
| | Cross Rd-1(LHS) | | 1 | 4.20 | 1.50 | 0.15 | 0.95 | |
| | Cross Rd-2(LHS) | | 1 | 4.30 | 1.50 | 0.15 | 0.97 | |
| | Cross Rd-3LHS) | | 1 | 3.60 | 1.50 | 0.15 | 0.81 | |
| | Cross Rd-1(RHS) | | 1 | 4.80 | 1.50 | 0.15 | 1.08 | |
| | | | | | | **Present Qty** | **25.49** | **Cum** |

Contractor

Assistant Engineer

24/7/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ ಬಿ.ಬಿ.ಎಂ.ಪಿ
Asst. Executive Engineer,
B.B.M.P. Yelahanka Zone

## Name of Work: Emergency Grants Works in Ward no 03, Attur.

te of Pre-Measurement :

Detailed Measurements

| m o | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| 5 | KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever | | | | | | | |
| | **RCC Drain** | | | | | | | |
| | **Water tank Rd** | | | | | | | |
| | **LHS(From Culvert )** | | | | | | | |
| | Total Drain length=77.8m | | | | | | | |
| | Main bar 10mm dia bar @ 100mm | | | | | | | |
| | 0.61kg/mtr | | | | | | | |
| | No of U-bar=778.00Nos | | 778 | 1.90 | | 0.61 | 901.70 | |
| | Distribution bar | | | | | | | |
| | Distribution bar 10mm dia @ 140mm | | | | | | | |
| | 0.61kg/mtr | | 14 | 77.80 | | 0.61 | 664.41 | |
| | **RHS(from Dead end)** | | | | | | | |
| | Total Drain length=66.8m | | | | | | | |
| | Main bar 10mm dia bar @ 100mm | | | | | | | |
| | 0.61kg/mtr | | | | | | | |
| | No of U-bar=668.00Nos | | 668 | 1.90 | | 0.61 | 774.21 | |
| | Distribution bar | | | | | | | |
| | Distribution bar 10mm dia @ 140mm | | | | | | | |
| | 0.61kg/mtr | | 14 | 66.80 | | 0.61 | 570.47 | |
| | **Culvert double Mat** | | | | | | | |
| | Total Culvert length=16.9m | | | | | | | |
| | Main bar 10mm dia bar @ 150mm | | | | | | | |
| | 0.61kg/mtr, double mat | | | | | | | |
| | No of U-bar=224Nos | | 224 | 1.80 | | 0.61 | 245.95 | |
| | Distribution bar | | | | | | | |
| | Distribution bar 10mm dia @ 200mm | | | | | | | |
| | 0.61kg/mtr, double mat | | 18 | 16.90 | | 0.61 | 185.56 | |
| | | | | | | | 3342.31 | Kgs |
| | | | | | | | **3.34** | **Ton** |

Contractor

Assistant Engineer

5/8/2020

ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲಕ ಅಭಿಯಂತರರು/2020
ಯಲಹಂಕ Assistant Executive Engineer).
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

# Name of Work: Emergency Grants Works in Ward no 03, Attur.

of Pre-Measurement :

Detailed Measurements

| em No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit |
|---|---|---|---|---|---|---|---|---|
| 6 | KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. | | | | | | | |
| | **Adithyanagar** | | | | | | | |
| | **Water tank Rd** | | | | | | | |
| | **LHS(From Culvert )** | | | | | | | |
| | Ch:0m to 24.4m | | 2 | 24.40 | | 0.60 | 29.28 | |
| | **Culvert Gap** | | | | | | | |
| | Ch:24.4m to 49m | | 2 | 24.60 | | 0.60 | 29.52 | |
| | **Culvert Gap** | | | | | | | |
| | Ch:49m to 77.8m | | 2 | 28.80 | | 0.60 | 34.56 | |
| | **RHS(from Dead end)** | | | | | | | |
| | Ch:0m to 30m | | 2 | 30.00 | | 0.60 | 36.00 | |
| | Ch:30m to 60m | | 2 | 30.00 | | 0.60 | 36.00 | |
| | Ch:60m to 66.8m | | 2 | 6.80 | | 0.60 | 8.16 | |
| | **Culvert** | | | | | | | |
| | **Adithyanagar** | | | | | | | |
| | Cross Rd-1(LHS) | | 2 | 4.20 | | 0.40 | 3.36 | |
| | Cross Rd-2(LHS) | | 2 | 4.30 | | 0.40 | 3.44 | |
| | Cross Rd-3LHS) | | 2 | 3.60 | | 0.40 | 2.88 | |
| | Cross Rd-1(RHS) | | 2 | 4.80 | | 0.40 | 3.84 | |
| | | | | | | **Present Qty** | **187.04** | **Sqm** |

Contractor

Assistant Engineer

3/9/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Asst. Executive Engineer,
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

## Name of Work: Emergency Grants Works in Ward no 03, Attur.

Detailed Measurements

| | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| | KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1 Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0 5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. | | | | | | | | | |
| | **Vide Premeasurement Page no.** | | | | | | 150.42 | | | |
| | | | | | | **Present Qty** | **150.42** | **Cum** | **261.00** | **39259.62** |
| | KSRB 2-1 Earthwork in surface excavation for levelling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift up to 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled including | | | | | | | | | |
| | **Vide Premeasurement Page no.** | | | | | | 41.04 | | | |
| | | | | | | **Present Qty** | **41.04** | **Cum** | **393.00** | **16130.29** |
| 3 | KSRB 4-1.6 , Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, | | | | | | | | | |
| | **Vide Premeasurement Page no.** | | | | | | 25.49 | | | |
| | | | | | | **Present Qty** | **25.49** | **Cum** | **6005.00** | **153082.46** |
| 4 | Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) M20 for R.C.C works laid in 15 cms thick layers and well compacted by vibrating, curing, for foundations & sub-structure works with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) | | | | | | | | | |
| | **Vide Premeasurement Page no.** | | | | | | 52.31 | | | |
| | | | | | | **Present Qty** | **52.31** | **Cum** | **6030.00** | **315423.27** |
| 5 | KSRB 4.9.2 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, | | | | | | | | | |
| | **Vide Premeasurement Page no.** | | | | | | 3.34 | | | |
| | | | | | | **Present Qty** | **3.34** | **Ton** | **78610.00** | **262557.40** |
| 6 | KSRB 4-6.4 Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. | | | | | | | | | |
| | **Vide Premeasurement Page no.** | | | | | | 187.04 | | | |
| | | | | | | **Present Qty** | **187.04** | **Sqm** | **397.00** | **74254.88** |

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

4/9/2020

## Name of Work: Emergency Grants Works in Ward no 03, Attur.

Measurement

Detailed Measurements

| Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| Providing precast slab of 100mm thick including cost of all materials, labour, curing, transportation, loading unloading etc., complete as per the direction of engineer in charge | | | | | | | | | |
| **Adithyanagar** | | | | | | | | | |
| **Water tank Rd** | | | | | | | | | |
| **LHS(From Culvert )** | | | | | | | | | |
| Ch:0m to 24.4m | | 1 | 24.40 | 0.90 | | 21.96 | | | |
| **Culvert Gap** | | | | | | | | | |
| Ch:24.4m to 49m | | 1 | 24.60 | 0.90 | | 22.14 | | | |
| **Culvert Gap** | | | | | | | | | |
| Ch:49m to 77.8m | | 1 | 22.00 | 0.90 | | 19.80 | | | |
| | | 1 | 6.80 | 0.00 | | 0.00 | | | |
| **RHS(from Dead end)** | | | | | | | | | |
| Ch:0m to 30m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch:30m to 60m | | 1 | 30.00 | 0.90 | | 27.00 | | | |
| Ch:60m to 66.8m | | 1 | 6.80 | 0.90 | | 6.12 | | | |
| missing/damaged slabs | | | | | | | | | |
| **Adithyanagar** | | | | | | | | | |
| | | 8 | 0.60 | 0.90 | | 4.32 | | | |
| | | 13 | 0.60 | 0.90 | | 7.02 | | | |
| | | 7 | 0.60 | 0.90 | | 3.78 | | | |
| | | 10 | 0.60 | 0.90 | | 5.40 | | | |
| | | 5 | 0.60 | 0.90 | | 2.70 | | | |
| | | 9 | 0.60 | 0.90 | | 4.86 | | | |
| **Chikkabettahalli** | | | | | | | | | |
| | | 21 | 0.60 | 0.90 | | 11.34 | | | |
| | | 11 | 0.60 | 0.90 | | 5.94 | | | |
| | | 14 | 0.60 | 0.90 | | 7.56 | | | |
| | | 18 | 0.60 | 0.90 | | 9.72 | | | |
| | | 12 | 0.60 | 0.90 | | 6.48 | | | |
| | | 14 | 0.60 | 0.90 | | 7.56 | | | |
| | | 10 | 0.60 | 0.90 | | 5.40 | | | |
| **Chikkabettahalli** | | | | | | | | | |
| | | 6 | 0.60 | 0.90 | | 3.24 | | | |
| | | 9 | 0.60 | 0.90 | | 4.86 | | | |
| | | 16 | 0.60 | 0.90 | | 8.64 | | | |
| | | 12 | 0.60 | 0.90 | | 6.48 | | | |
| | | 9 | 0.60 | 0.90 | | 4.86 | | | |
| | | 5 | 0.60 | 0.90 | | 2.70 | | | |
| | | 8 | 0.60 | 0.90 | | 4.32 | | | |
| | | 11 | 0.60 | 0.90 | | 5.94 | | | |
| | | | | | **Present Qty** | **247.14** | **Sqm** | **2442.00** | **603515.88** |

04/09/2020

Contractor

Assistant Engineer

: 4/9/2020

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ Assistant Engineer ಕಛೇರಿ,
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-106

4/9/2020

## Name of Work: Emergency Grants Works in Ward no 03, Attur.

Measurement :

Detailed Measurements

| Item No | Discription of Item | | No | Length | Breadth | Depth | Qty | Unit | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|---|
| E1 | Providing and fixing RCC precast cover slab of 250mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. | | | | | | | | | |
| | **Culvert** | | | | | | | | | |
| | **Adithyanagar** | | | | | | | | | |
| | Cross Rd-1(LHS) | | 1 | 4.20 | 1.20 | | 5.04 | | | |
| | Cross Rd-2(LHS) | | 1 | 4.30 | 1.20 | | 5.16 | | | |
| | Cross Rd-3LHS) | | 1 | 3.60 | 1.20 | | 4.32 | | | |
| | Cross Rd-1(RHS) | | 1 | 4.80 | 1.20 | | 5.76 | | | |
| | | | | | | **Present Qty** | **20.28** | **Sqm** | **5662.89** | **114843.48** |
| | | | | | | | **Total** | | | **1579067.29** |
| | | | | | | | **12% GST** | | | **189488.07** |
| | | | | | | | **Grand Total** | | | **1768555.36** |

C&FC

18/9/2020

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ಉಪವಿಭಾಗ ಉಪವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-10

Assist. Executive Engineer

18/9/2020